MAIN ROADS DEPARTMENT

Form 23ZL(d) (P) /10/74

ENGINEERING BORE LOG

PROJECT SOUTH IPSWICH BYPASS - STAGE II — HOLE No 18

REF. H 3764

LOCATION Chainage 34800m, 12m left of centreline — DATUM State +0.12

GROUND SURFACE 56.49

JOB No 144/17B/201 — PROJECT No 2-54 — DATE 6,7/3/75

TYPE OF DRILLING: Solid Augering ☐ 50mm Hollow Augering ☐ Casing ☒ NMLC Coring ☒

STRATA DESCRIPTION (Soil Type / Lithology / Weathering)	Depth	Core Rec. %	R.L. 1:50	Graphic Log	STRUCTURE	ENGINEERING PROPERTIES: Intact Strength / Defect Spacing
			56.49			
	0.37		56.12			
SANDSTONE Light iron-stained grey, fine grained sedimentary rock. DECOMPOSED Light brown, moist, medium clayey sand.	0.60	50	55.89			
MODERATELY WEATHERED Joints sub-horizontal and coated with iron oxide.		100				
	2.07	90	54.42		Highly weathered conglomerate band.	
SILTSTONE Medium grey, very fine grained, subhorizontally bedded sedimentary rock. HIGHLY WEATHERED Joints multi-directional but predominately low angled and coated with clay.		100				
		100				
		100			4/7/75	
		80				
	5.12		51.37			
	5.15		51.34		10/3/75	
SANDSTONE Orangy grey, very coarse grained sedimentary rock. HIGHLY WEATHERED Joints sub-horizontal and coated with iron oxide and clay.	5.43	100	51.06		11/3/75	
	6.10		50.39		27/3/75	
		100				
	7.62	100	48.50			
END OF HOLE						

REMARKS: x Intact Strength Test

GEOLOGIST C Fowler

ENGINEER [illegible]

APPROVED [illegible]

DATE 27/4/75

Decomposed | Highly Weathered | Moderately Weathered | Slightly Weathered | Core Loss

NOTE: For codes and explanations see Appendix A